L Number	Hits	Search Text	DB	Time stamp
1	987	(consecutive successive) near4 quality	USPAT;	2004/02/25 17:31
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
2	2730318	power	USPAT;	2004/02/25 16:50
_			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
3	41	((consecutive successive) near4 quality)	USPAT;	2004/02/25 16:55
ا		same power	US-PGPUB;	
		Sume power	EPO; JPO;	
			DERWENT	
4	110	lqm (line adj quality adj monitor)	USPAT;	2004/02/25 16:55
4	110	iqm (line ad) quality ad) monitor,	US-PGPUB;	2004/02/23 10:33
			EPO; JPO;	
			DERWENT	
۱ -	25		USPAT;	2004/02/25 16:56
5	35	power and (lqm (line adj quality adj	1	2004/02/25 16:56
		monitor))	US-PGPUB;	
			EPO; JPO;	
			DERWENT	0004/00/05 17 00
6	32		USPAT;	2004/02/25 17:02
		monitor))) not (((consecutive successive)	US-PGPUB;	
		near4 quality) same power)	EPO; JPO;	
		·	DERWENT	
7	395	((consecutive successive) near4 quality)	USPAT;	2004/02/25 17:02
		and power	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
8	71	1.clm.	USPAT;	2004/02/25 17:04
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
9	36	power and 1.clm.	USPAT;	2004/02/25 17:04
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
10	2452	(consecutive successive series ) near4	USPAT;	2004/02/25 17:44
		quality	US-PGPUB;	
			EPO; JPO;	
.			DERWENT	
11	116	((consecutive successive series ) near4	USPAT;	2004/02/25 17:45
		quality) same power	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
12	75	(((consecutive successive series ) near4	USPAT;	2004/02/25 17:45
		quality) same power) not (((consecutive	US-PGPUB;	
		successive) near4 quality) same power) (	EPO; JPO;	
		power and 1.clm.))	DERWENT	

			IDB	Time stamp
L Number	Hits	Search Text		Time stamp 2004/02/25 12:04
3	623	(consecutive successive) near3 quality	USPAT;	2004/02/25 12:04
			US-PGPUB;	
			EPO; JPO;	ļ
			DERWENT	
4	2730318	power	USPAT;	2004/02/25 11:13
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
5	25	((consecutive successive) near3 quality)	USPAT;	2004/02/25 11:13
1		same power	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
6	15970	(consecutive successive sum\$4 combin\$5	USPAT;	2004/02/25 12:05
•		add\$4) near3 quality	US-PGPUB;	
1		4	EPO; JPO;	
			DERWENT	
7	584	((consecutive successive sum\$4 combin\$5	USPAT;	2004/02/25 12:06
'	304	add\$4) near3 quality) same power	US-PGPUB;	
		addy4/ Hears quarrey/ same power	EPO; JPO;	
			DERWENT	
8	509	6.ti.	USPAT;	2004/02/25 12:06
0	] 309	0.61.	US-PGPUB;	2001,02,23 12:00
			EPO; JPO;	
			DERWENT	
9	622	6.clm.	USPAT;	2004/02/25 12:06
9	022	o.cim.	US-PGPUB;	2004/02/23 12:00
			1	
			EPO; JPO; DERWENT	
10	1129	6.ti. 6.clm.	USPAT;	2004/02/25 12:06
10	1129	6.tl. 6.Clm.		2004/02/23 12:00
].			US-PGPUB;	
			EPO; JPO;	
			DERWENT	0004/00/05 10 00
11	30	power same (6.ti. 6.clm.)	USPAT;	2004/02/25 12:06
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	

US-PAT-NO:

5893036

DOCUMENT-IDENTIFIER:

US 5893036 A

TITLE:

Transmission power control method

----- KWIC -----

Detailed Description Text - DETX (11):

During the TCH 240 signaling, the mobile station 280 monitors existing

channel conditions and alters the transmission power sub-step as appropriate

while remaining within the power step specified by the base station 290. For

example, the bit-error rate (BER) of a received signal can be measured by the

mobile station. If the BER is above a predetermined threshold, obtained using

experimental data or simulation data, the mobile station will use a maximum

power sub-step, such as power sub-step 5A, to increase reliability. If,

however, the BER falls below the predetermined threshold, the mobile station

will use a lower power sub-step, such as power sub-step 5B, to conserve battery

energy. Other signal quality or channel condition criteria, such as signal

strength or distance from the mobile station to the base station, can be used

in addition to or instead of BER to determine when the mobile station should

switch between power sub-steps. If, in an SACCH 246 signal, the base station

290 calls for a power step that does not correspond to any sub-steps, the

mobile station 280 uses the requested power step at the power level set in the mobile station 280.

US-PAT-NO:

5604730

DOCUMENT-IDENTIFIER:

US 5604730 A

TITLE:

Remote transmitter power control in

a contention based

multiple access system

----- KWIC -----

Claims Text - CLTX (33):

the base station instructing the remote transmitter to monitor power control information associated with a predefined slot of said forward channel, said power control information instructing the remote transmitter to increase the power output if the sum of the reverse signal quality metrics is less than the maximum reverse channel signal quality metric.